

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	50	((("6182840") or ("4378850") or ("5466061") or ("4255899") or ("4497482") or ("4508313") or ("5411520") or ("5875570") or ("6062398") or ("4824357") or ("RE33603") or ("3860152") or ("4314637") or ("4326695") or ("4424811") or ("4510116") or ("4795020") or ("4861543") or ("4903381") or ("4986408") or ("5011162") or ("5014899") or ("5178885") or ("5318782") or ("5384942") or ("5578326") or ("5787954") or ("6284285") or ("6377009") or ("6584821") or ("6753669") or ("20030006728") or ("20030085679") or ("20040217081") or ("20070151887") or ("5667521") or ("6246585") or ("4252134") or ("4339911") or ("4348830") or ("4360279") or ("4376503") or ("4382058") or ("4453911") or ("4486379") or ("4486164") or ("4514034") or ("4578299") or ("4632447") or ("4754530"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/17 15:16
S2	101	BRANDERBURGER-TORSTEN\$.in. or HELMANN-KLAUS\$.in. or KNIERBEIN-BERND\$. in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 16:07
S4	47	S1 and (bag connect\$4 spike liquid infusion transfusion medical patient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:07
S8	2553	(604/262,403,406,409,411,415,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 07:16
S9	6269	((215/247,249,250) or (141/314,329,330,363,) or (206/219,222) or (137/572,68,29,68,3,67)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 07:16
S10	2737	(215/230,232,247,250,258,316,dig3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 07:16
S11	2553	(604/262,403,406,409,411,415,).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 07:25
S12	1373	S11 and (hold\$3 hook\$3 stay\$3 support\$3 adapt\$3 bond\$3 clamp\$3 connect\$3 coupl\$4 fasten\$3 link\$3 tie tying interfac\$3 clip\$4 lock \$3 attach\$4 mount\$4 demount\$4 dismount\$4) same (burst\$4 part\$4 split\$4 tear\$4 rupture\$4 ruptur\$4 pierc\$4 break\$4 penetrat\$4 perforat\$4 penetrat\$4 perforat\$4 puncture\$4 punctur\$4 stab\$5)	US-PGPUB; USPAT	OR	ON	2007/12/18 07:27
S13	1191	S12 and (hold\$3 hook\$3 stay\$3 support\$3 adapt\$3 bond\$3 clamp\$3 connect\$3 coupl\$4 fasten\$3 link\$3 tie tying interfac\$3 clip\$4 lock \$3 attach\$4 mount\$4 demount\$4 dismount\$4) same (repository vessel bag canister capsule chamber reservoir ampoule ampule vial phial bottle)	US-PGPUB; USPAT	OR	ON	2007/12/18 09:23
S14	1059	S13 and @ay< "2004"	US-PGPUB; USPAT	OR	ON	2007/12/18 09:03

S15	582	S14 and (elastic\$4 extendible extensible flexible pliable resilient rubberlike rubber\$4 spring\$4 stretch\$4 yielding yieldable) with (plug\$4 stopper\$3 cork\$3 wedg\$3 fitting clog \$4 clot\$4 block\$3 occlud\$4 occlus\$3 diaphragm membrane film veneer thin adj (sheet\$3 layer\$3 cover\$3))	US-PGPUB; USPAT	OR	ON	2007/12/18 09:04
S16	2737	(215/230,232,247,250,258,316,dig3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 09:03
S17	50	((("6182840") or ("4378850") or ("5466061") or ("4255899") or ("4497482") or ("4508313") or ("5411520") or ("5875570") or ("6062398") or ("4824357") or ("RE33603") or ("3860152") or ("4314637") or ("4326695") or ("4424811") or ("4510116") or ("4795020") or ("4861543") or ("4903381") or ("4986408") or ("5011162") or ("5014899") or ("5178885") or ("5318782") or ("5384942") or ("5578326") or ("5787954") or ("6284285") or ("6377009") or ("6584821") or ("6753669") or ("20030006728") or ("20030085679") or ("20040217081") or ("20070151887") or ("5667521") or ("6246585") or ("4252134") or ("4339911") or ("4348830") or ("4360279") or ("4376503") or ("4382058") or ("4453911") or ("4486379") or ("4486164") or ("4514034") or ("4578299") or ("4632447") or ("4754530")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 09:03
S18	101	BRANDERBURGER-TORSTEN\$.in. or HELLMANN-KLAUS\$.in. or KNIERBEIN-BERND\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 09:03
S19	1221	S16 and @<"2004" not (S11 S17 S18 S11)	US-PGPUB; USPAT	OR	ON	2007/12/18 09:18
S20	2091	(141/314,329,330,363.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 09:18
S21	783	S20 and @<"2004" not (S11 S17 S18 S11 S19)	US-PGPUB; USPAT	OR	ON	2007/12/18 09:38
S22	258	S21 and (elastic\$4 extendible extensible flexible pliable resilient rubberlike rubber\$4 spring\$4 stretch\$4 yielding yieldable) with (plug\$4 stopper\$3 cork\$3 wedg\$3 fitting clog \$4 clot\$4 block\$3 occlud\$4 occlus\$3 diaphragm membrane film veneer thin adj (sheet\$3 layer\$3 cover\$3))	US-PGPUB; USPAT	OR	ON	2007/12/18 09:23
S23	1851	(206/219,222).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 10:03
S24	972	S23 and @<"2004" not (S11 S17 S18 S11 S19 S21)	US-PGPUB; USPAT	OR	ON	2007/12/18 10:03
S25	797	S24 and (repository vessel bag canister capsule chamber reservoir ampoule ampule vial phial bottle)	US-PGPUB; USPAT	OR	ON	2007/12/18 10:25
S26	219	S25 and (elastic\$4 extendible extensible flexible pliable resilient rubberlike rubber\$4 spring\$4 stretch\$4 yielding yieldable) with (plug\$4 stopper\$3 cork\$3 wedg\$3 fitting clog \$4 clot\$4 block\$3 occlud\$4 occlus\$3 diaphragm membrane film veneer thin adj (sheet\$3 layer\$3 cover\$3))	US-PGPUB; USPAT	OR	ON	2007/12/18 09:40

S27	1096	(137/68.11,68.19,68.29,68.3,67).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 10:03
S28	406	S27 and @ay<"2004" not (S11 S17 S18 S11 S19 S21 S24)	US-PGPUB; USPAT	OR	ON	2007/12/18 11:02
S29	294	S28 and (repository vessel bag canister capsule chamber reservoir ampoule ampule vial phial bottle)	US-PGPUB; USPAT	OR	ON	2007/12/18 10:26
S30	50	S29 and bag	US-PGPUB; USPAT	OR	ON	2007/12/18 10:06
S31	4	((("5257985") or ("5824216") or ("6012578") or ("6203535")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 10:25
S32	115506	bag and (hold\$3 hook\$3 stay\$3 support\$3 adapt\$3 bond\$3 clamp\$3 connect\$3 coupl\$4 fasten\$3 link\$3 tie tying interfac\$3 clip\$4 lock \$3 attach\$4 mount\$4 demount\$4 dismount\$4) same (burst\$4 parting partable parted split\$3 spilltable tear\$3 tearable rupture\$3 ruptureable ruptur\$3 rupturable pierc\$4 break \$4 penetrate\$4 perforate\$4 penetrat\$4 perforat \$4 puncture\$4 punctur\$4 stab\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 10:30
S33	28784	S32 and (elastic\$4 extendible extensible flexible pliable resilient rubberlike rubber\$4 spring\$4 stretch\$4 yielding yieldable) with (plug\$4 stopper\$3 cork\$3 wedg\$3 fitting clog \$4 clot\$4 block\$3 occlud\$4 oclous\$3 diaphragm membrane film veneer thin adj (sheet\$3 layer\$3 cover\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 10:33
S34	6852	S33 and (snap\$5 click\$4 pop\$5 interlock\$4) same (hold\$3 hook\$3 stay\$3 support\$3 adapt \$3 bond\$3 clamp\$3 connect\$3 coupl\$4 fasten \$3 link\$3 tie tying interfac\$3 clip\$4 lock\$3 attach\$4 mount\$4 demount\$4 dismount\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:12
S35	4156	S34 and @ay<"2004" not (S11 S17 S18 S11 S19 S21 S24 S28)	US-PGPUB; USPAT	OR	ON	2007/12/18 12:07
S36	55	((US-20040217081-\$ or US-20030105448-\$ or US-20020130100-\$ or US-20030192791-\$).did. or (US-5694978-\$ or US-6364143-\$ or US-6485479-\$ or US-6641731-\$ or US-6709424-\$ or US-3860152-\$ or US-3648693-\$ or US-3746001-\$ or US-3783895-\$ or US-3788369-\$ or US-4019512-\$ or US-4187893-\$ or US-4441538-\$ or US-4564054-\$ or US-4568345-\$ or US-4662878-\$ or US-4676788-\$ or US-4883483-\$ or US-4944736-\$ or US-5332399-\$ or US-5334162-\$ or US-5380314-\$ or US-5423793-\$ or US-5429256-\$ or US-5902298-\$ or US-5921419-\$).did. or (US-6165161-\$ or US-6378714-\$ or US-7074216-\$ or US-5494170-\$ or US-5622273-\$ or US-5730292-\$ or US-5855288-\$ or US-5857580-\$ or US-6142341-\$ or US-6234333-\$ or US-6308847-\$ or US-6330959-\$ or US-6720044-\$ or US-6915919-\$ or US-4991635-\$ or US-5291925-\$ or US-5595223-\$ or US-6918418-\$ or US-5826713-\$ or US-5944709-\$ or US-6752264-\$ or US-6012578-\$ or US-6203535-\$ or US-5257985-\$ or US-5824216-\$).did.	US-PGPUB; USPAT	OR	ON	2007/12/18 11:05

S37	0	S36 and plug adj between	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:45
S38	3	S36 and (plug\$4 stopper\$3 cork\$3 wedg\$3 fitting clog\$4 clot\$4 block\$3 occlud\$4 occlud\$3 diaphragm membrane film veneer thin adj (sheet\$3 layer\$3 cover\$3)) adj between	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:46
S39	4156	S35 and (elastic\$4 extendible extensible flexible pliable resilient rubberlike rubber\$4 spring\$4 stretch\$4 yielding yieldable) with (plug\$4 stopper\$3 cork\$3 wedg\$3 fitting clog\$4 clot\$4 block\$3 occlud\$4 occlud\$3 diaphragm membrane film veneer thin adj (sheet\$3 layer\$3 cover\$3))	US-PGPUB; USPAT	OR	ON	2007/12/18 11:46
S40	776	("0037221" "0659519" "0829178" "2342215" "2388634" "2483636" "2486321" "2524365" "2607503" "2653609" "2659370" "2663298" "2667986" "2756874" "2848995" "2876775" "2911123" "2953132" "3033202" "3064647" "3074544" "3082867" "3141221" "3149943" "3164303" "3187966" "3193128" "3206080" "3257072" "3278063" "3292622" "3356093" "3357427" "3358865" "3364930" "3419007" "3520471" "3526225" "3542032" "3545671" "3554256" "3603312" "3608709" "3610297" "3639952" "3674028" "3741383" "3749620" "3756389" "3779371" "3794490" "3809224" "3810469" "3826260" "3838689" "3847279" "3866608" "3872867" "3872992" "3882259" "3901403" "3911640" "3915212" "3940003" "3946871" "3964604" "3977553" "3977555" "3985135" "3995630" "4006745" "4010786" "4020839" "4033345" "4046145" "4048999" "4067440" "4130117" "4153057" "4183434" "4187893" "4198972" "4205754" "4210255" "4213456" "4223512" "4224367" "4230112" "4230231" "4236652" "4252846" "4259952" "4270533" "4284672" "4296786" "4297316" "4313904" "4336891" "4349024" "4350585" "4375145" "4387879" "4396382" "4396383" "4401214" "4402402" "4402687" "4409775" "4410096" "4410321" "4412623" "4417607" "4418827" "4425120" "4429693" "4432763" "4432764" "4443220" "4445884" "4452030" "4458811" "4460735" "4465200" "4465472" "4465488" P.N. OR ("4467588" "4470240" "4478342" "4484920" "4493348" "4496046" "4501373" "4505709" "4507113" "4507114" "4512136" "4512475" "4518385")	OR	ON	2007/12/18 12:06	

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"4548023"	"4556290"	"4559053"
"4560076"	"4564054"	"4566251"
"4568336"	"4573506"	"4573976"
"4576211"	"4588403"	"4588554"
"4600613"	"4601704"	"4602910"
"4607671"	"4608043"	"4608178"
"4608403"	"4609369"	"4610684"
"4614267"	"4614276"	"4616052"
"4616064"	"4619650"	"4619651"
"4622032"	"4624393"	"4629080"
"4639250"	"4643309"	"4662878"
"4671331"	"4672996"	"4673404"
"4675020"	"4678103"	"4685917"
"4687474"	"4693052"	"4702963"
"4711359"	"4730381"	"4731053"
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"4822351"	"4826491"	"4828127"
"4834149"	"4834152"	"4837084"
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"4936841"	"4944736"	"4950237"
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"5114004"	"5116326"	"5129212"
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"5425447"	"5425465"	"5429256"
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S41	353	S40 and @ay<"2004" not (S11 S17 S18 S11 S19 S21 S24 S28 S35)	US-PGPUB; USPAT	OR	ON	2007/12/18 12:07
S42	327	S41 and (bag connect\$4 spike liquid infusion transfusion medical patient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:07
S43	92	S42 and (snap\$5 click\$4 pop\$5 interlock\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:13

S44	60	(US-20040217081-\$ or US-20030105448-\$ or US-20020130100-\$ or US-20030192791-\$) .did. or (US-5694978-\$ or US-6364143-\$ or US-6485479-\$ or US-6641731-\$ or US-6709424-\$ or US-3860152-\$ or US-3648693-\$ or US-3746001-\$ or US-3783895-\$ or US-3788369-\$ or US-4019512-\$ or US-4187893-\$ or US-4441538-\$ or US-4564054-\$ or US-4568345-\$ or US-4662878-\$ or US-4676788-\$ or US-4883483-\$ or US-4944736-\$ or US-5332399-\$ or US-5334162-\$ or US-5380314-\$ or US-5423793-\$ or US-5429256-\$ or US-5902298-\$ or US-5921419-\$) .did. or (US-6165161-\$ or US-6378714-\$ or US-7074216-\$ or US-5494170-\$ or US-5622273-\$ or US-5730292-\$ or US-5855288-\$ or US-5857590-\$ or US-6142341-\$ or US-6234333-\$ or US-6308847-\$ or US-6330959-\$ or US-6720044-\$ or US-6915919-\$ or US-4991635-\$ or US-5291925-\$ or US-5595223-\$ or US-6918418-\$ or US-5826713-\$ or US-5944709-\$ or US-6752264-\$ or US-6012578-\$ or US-6203535-\$ or US-5257985-\$ or US-5824216-\$ or US-4230231-\$ or US-4478342-\$) .did. or (US-4951822-\$ or US-5409125-\$ or US-6681475-\$) .did.	US-PGPUB; USPAT	OR	ON	2007/12/18 12:16
S45	13	(US-20030105448-\$) .did. or (US-6752264-\$ or US-6378714-\$ or US-6330959-\$ or US-6308847-\$ or US-6234333-\$ or US-5944709-\$ or US-5494170-\$ or US-5429256-\$ or US-5409125-\$ or US-5380314-\$ or US-4951822-\$ or US-4944736-\$) .did.	US-PGPUB; USPAT	OR	ON	2007/12/18 12:17
S46	2	((("3913882") or ("5121996"))) .PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 09:02
S47	50	((("20080140034") or ("5643236") or ("4511358") or ("5792127") or ("20060293631") or ("4449971") or ("4846816") or ("20060122568") or ("5409153") or ("6045542") or ("6635038") or ("20020177825") or ("6112961") or ("4967768") or ("5009649") or ("5713880") or ("6068618") or ("5411495") or ("4615692") or ("20060011687") or ("5608915") or ("4938747") or ("6471680") or ("7160277") or ("7166092") or ("20050101923") or ("20050101924") or ("5865821") or ("5954564") or ("5222379") or ("5239706") or ("6105175") or ("6276176") or ("6430753") or ("6463765") or ("7143453") or ("20010035032") or ("20020007507") or ("20030019014") or ("5193553") or ("5263946") or ("20080141432") or ("4073295") or ("4057066") or ("4579265") or ("5357637") or ("5375262") or ("5403271") or ("5458617") or ("5935116"))) .PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 09:13
S48	909	(604/403).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 13:46
S49	120	S48 and (squeeze squeezed squeezer squeezing pinch\$3 clamp\$3) with (neck tube tubing lumen)	US-PGPUB; USPAT; FPRS, EPO, JPO, DERWENT, IBM_TDB	OR	ON	2009/06/15 13:46
S50	99	S49 and @ay<"2004"	US-PGPUB; USPAT	OR	ON	2009/06/15 13:46

SS1	46	("3484849" "3941171" "4013860" "4157723" "4186292" "4234095" "4369799" "4390832" "4607671" "4611643" "4614267" "4619642" "4737214" "4759756" "4892710" "4944736" "4997429" "4997430" "5114030" "5125415" "5125522" "5224937").PN. OR ("5368586").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:03
SS2	1	("2001/0012930").URPN.	USPAT	OR	ON	2009/06/15 14:15
SS3	3903	(infusion transfusion IV intravenous "I.V." enteral parenteral) and bag and (squeeze squeezed squeeze squeezing pinch\$3 clamp \$3) with (neck tube tubing lumen)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 14:17
SS4	2625	SS3 and @ay<"2004"	US-PGPUB; USPAT	OR	ON	2009/06/15 14:17
SS5	1501	SS4 and (burst\$4 parting partable parted split splitter splitting splittable tear torn tearer tearing tearable ruptureable rupturable break breaker broken breaking breakable punch puncher punching punched frangible frangible brittle crack cracked cracking crackable)	US-PGPUB; USPAT	OR	ON	2009/06/15 14:18
SS6	500	SS5 and (burst\$4 parting partable parted split splitter splitting splittable tear torn tearer tearing tearable ruptureable rupturable break breaker broken breaking breakable punch puncher punching punched frangible frangible brittle crack cracked cracking crackable) with (neck tube tubing lumen)	US-PGPUB; USPAT	OR	ON	2009/06/15 14:19
SS7	404	SS6 and (break breaker broken breaking breakable separating separate separated) with (neck tube tubing lumen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 14:20
SS8	327	SS7 and (plug\$4 stopper\$3 cork\$3 fitting diaphragm membrane film)	US-PGPUB; USPAT	OR	ON	2009/06/15 14:21
SS9	65	(US-20040217081-\$ or US-20030105448-\$ or US-20020130100-\$ or US-20030192791-\$ or US-20010012930-\$ or US-20040073189-\$).did. or (US-5694978-\$ or US-6364143-\$ or US-6485479-\$ or US-6641731-\$ or US-6709424-\$ or US-3860152-\$ or US-3648693-\$ or US-3746001-\$ or US-3783895-\$ or US-3788369-\$ or US-4019512-\$ or US-4187893-\$ or US-4441538-\$ or US-4564054-\$ or US-4568345-\$ or US-4662878-\$ or US-4676788-\$ or US-4883483-\$ or US-4944736-\$ or US-5332399-\$ or US-5334162-\$ or US-5380314-\$ or US-5423793-\$ or US-5429256-\$ or US-5902298-\$ or US-5921419-\$).did. or (US-6165161-\$ or US-6378714-\$ or US-7074216-\$ or US-5494170-\$ or US-5622273-\$ or US-5730292-\$ or US-5855288-\$ or US-5857580-\$ or US-6142341-\$ or US-6234333-\$ or US-6308847-\$ or US-6330959-\$ or US-6720044-\$ or US-6915919-\$ or US-4991635-\$ or US-5291925-\$ or US-5595223-\$ or US-6918418-\$ or US-5826713-\$ or US-5944709-\$ or US-6752264-\$ or US-6012578-\$ or US-6203535-\$ or US-5257985-\$ or US-5824216-\$ or US-4230231-\$ or US-4478342-\$).did. or (US-4951822-\$ or	US-PGPUB; USPAT	OR	ON	2009/06/15 14:21

		US-5409125-\$ or US-6681475-\$ or US-4294247-\$ or US-5368586-\$ or US-5702383-\$). did.				
S60	320	S58 not (S59 S51)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 14:22
S61	5	((("4362255") or ("2856929") or ("3986507") or ("5088995") or ("5100394")).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 14:36
S62	23	("3509879" "3519158" "3788374").PN. OR ("3986507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:37
S63	19	("3509879" "3805986" "3986507" "3994412" "4303067" "4430077").PN. OR ("4632267").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:40
S64	23	("2705336" "2734649" "3203545" "3235069" "3606001" "3978859" "3986507" "3994412" "4180173" "4295495" "4335756" "4415393").PN. OR ("4836397").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:43

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